



TECUMSEH

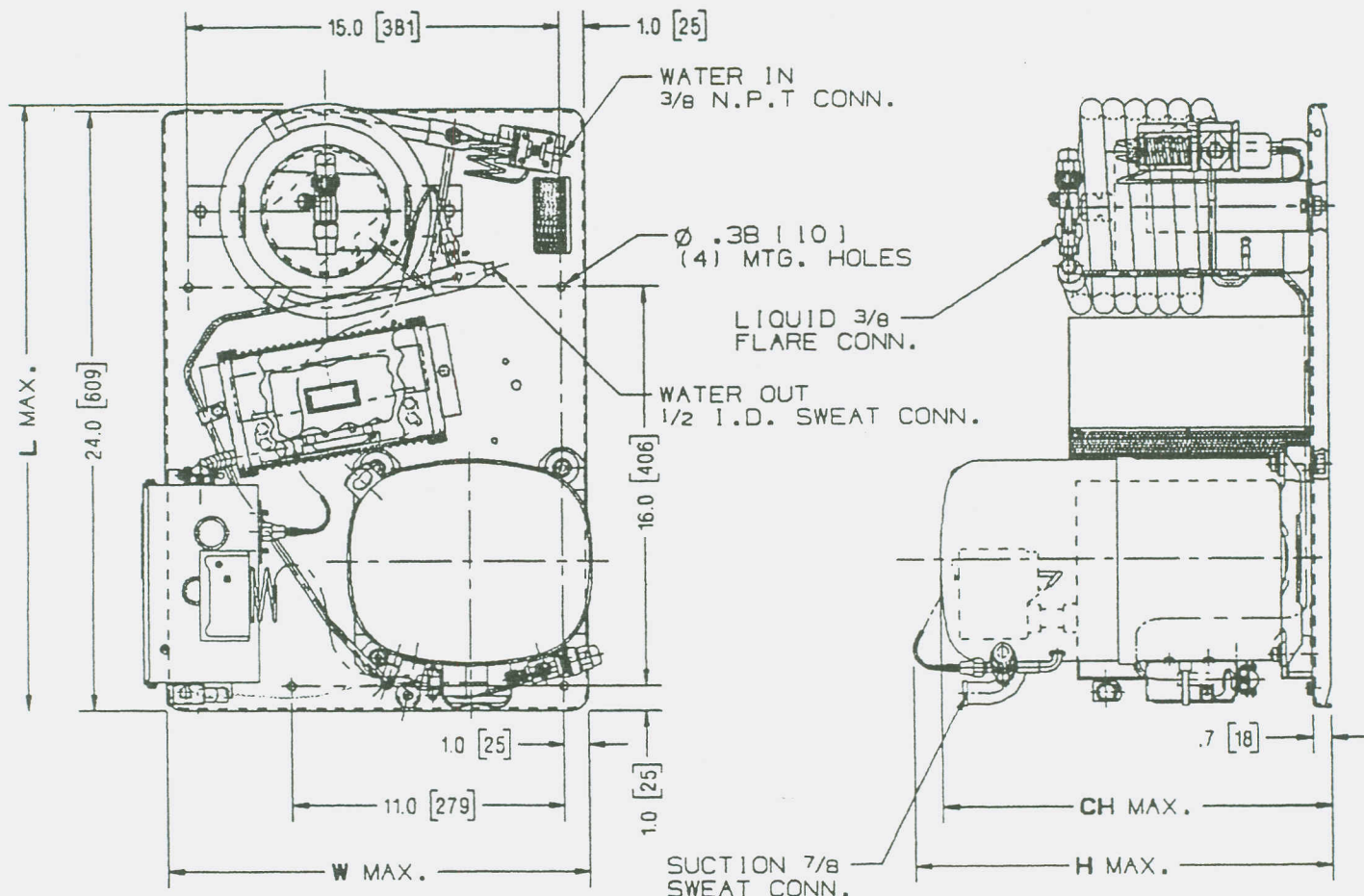
TECUMSEH HERMETIC CONDENSING UNITS

MODEL AVA2512ZXTXW

R404A

3 HP

WATER COOLED



Model	Dimensions				Line Connections		Pumpdown 90°F 90% Full	Oil Chg Oz.	Gross Wt. Lbs.
AVA2512ZXTXW	L	W	H	CH	Suction	Liquid			
	24.3	17.0	16.6	16.6	7/8 S	3/8 F	5.6#	54	119
*F=Flare, S=Solder, RF or RS=Rotolock Valve w/Flare or Solder Connections Factory Chrg: 20 psig Nitrogen - MUST BE EVACUATED						Use 3/8" min. pipe size. Water valve inlet 3/8" NPT.			
Performance: Ambient 90°F--Return Gas 40°F--Condenser Water In 75°F--Head 254 psig									
Evaporator Temp °F	-40	-30	-20	-10	0	10			
BTU/HR.	3570	5975	8900	12540	17075	22650			
Water Usage - gpm	0.9	1.5	2.2	3.1	4.3	5.7			
Watts	1190	1645	2140	2645	3130	3570			
The water valve should be adjusted to maintain a maximum of 95°F water outlet temperature in order to minimize water scaling within the condenser.									

SPECIFICATIONS

AVA2512ZXTXW

Nominal Voltage -----	230/200-60-3	
Unit Bill of Material -----	2B3142-1	
voltage Range -----	253 to 180	
Minimum Circuit Ampacity --	12.7	
Max. Fuse Size (Amps) -----	20	
Compressor Model -----	AVA2490ZXT	
Bill of Material -----	AV182RT-016	
RLA/LRA -----	9.9/65.1	
Overload -----	Internal	
Control Panel Assy.-----	AC1396-6	
Pressure Control -----	High 84082-4, Low 84026-5	
Contactors -----	91014 (30 AMP-3PH, 230V)	
Fan Motor -----	810M009B49	
Fan Mntg. Bracket-----	57155	
Fan Blade -----	51559	
Fan Guard Body -----	71085	Fan Guard Grill ----- 70830-1
Condenser -----	50827-1	
Receiver Tank -----	51081	
Rec. Tank RL Valve -----	31547-8 (3/8"F)	
Water Regulator Valve -----	56516	
Process Valve -----	31583-1 (1/4"F)	
Unit Drawing -----	SU1920-5	
Schematic or Elect. Dwg. -----	DEAV-2	

